

# M 7.6, ANDAMAN ISLANDS, INDIA REGION

Origin Time: Mon 2009-08-10 19:55:39 UTC

Location: 14.01°N 92.92°E Depth: 33 km

PAGER  
Version 1

Created: 20 mins, 41 secs after earthquake

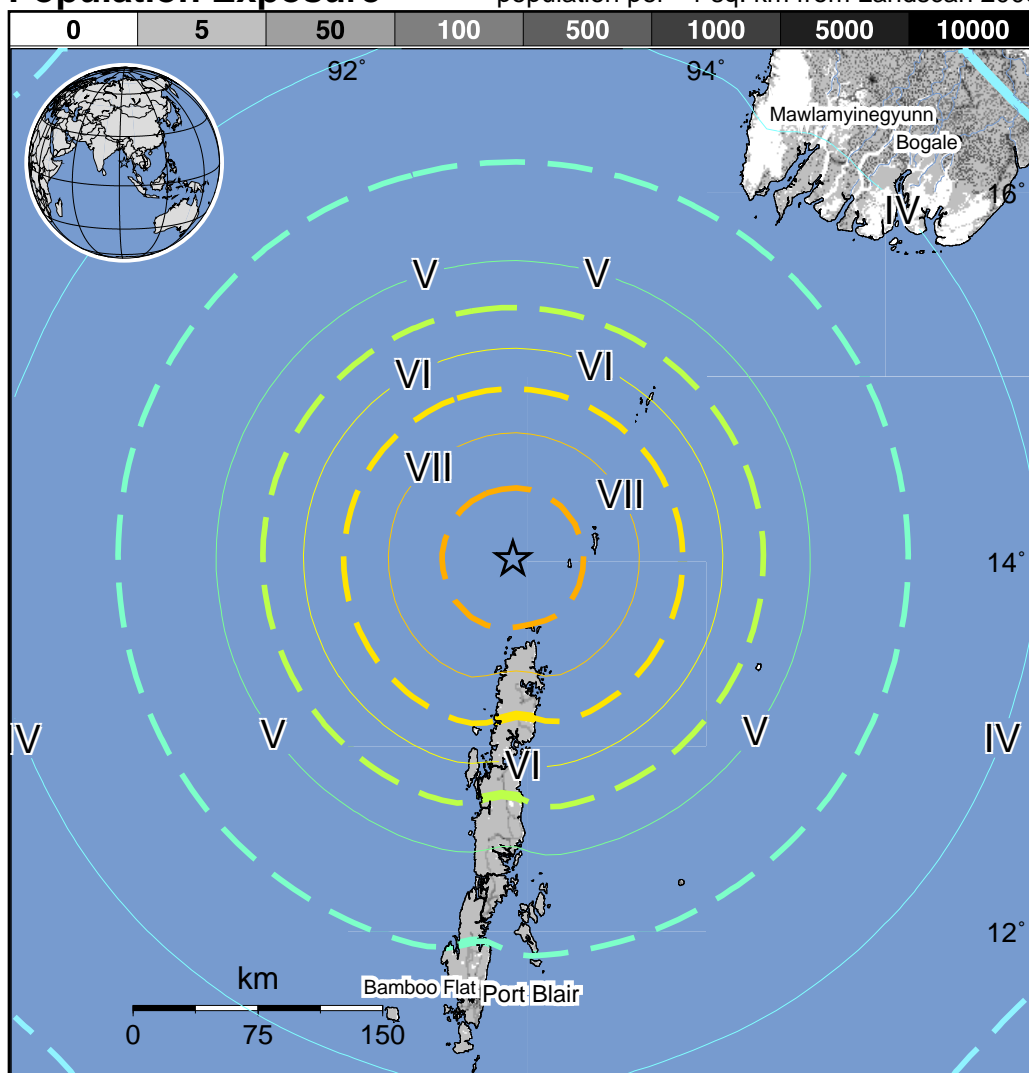
## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- - *	269k*	2,964k*	79k	28k	23k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure

population per ~1 sq. km from Landsat 2006

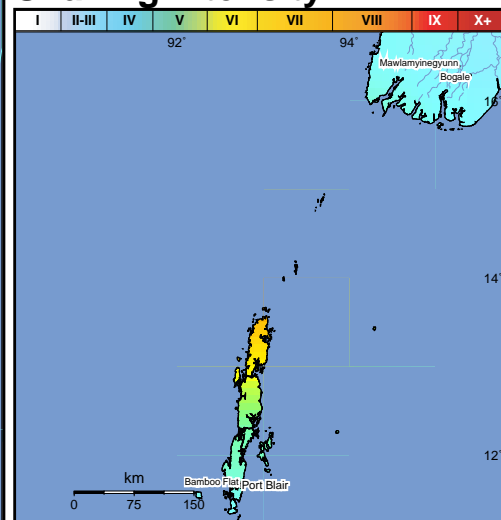


### Selected City Exposure

MMI City	Population
<b>IV Bamboo Flat</b>	<b>7k</b>
<b>IV Port Blair</b>	<b>112k</b>
<b>IV Pathein</b>	<b>237k</b>
<b>IV Mawlamyinegyunn</b>	<b>39k</b>
<b>IV Bogale</b>	<b>68k</b>
IV Wakema	42k
IV Pyapon	65k
IV Kyaiklat	52k
III Maubin	51k
III Twante	46k

bold cities appear on map (k = x1000)

### Shaking Intensity



Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. On September 13, 2002 (UTC), a magnitude 6.5 earthquake occurred in the India region 112 km south of the location of this earthquake, with estimated population exposures of 4,000 at intensity VIII and 20,000 at intensity VII, resulting in an estimated 2 fatalities.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2009kdb2